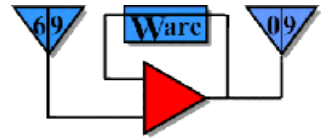




FEEDBACK



Web Site k3dn.org

Warminster Amateur Radio Club

July 2009

Next Meeting July 2nd - Get On The Air Night

President's Message



Have You Tried QRP?

For the past few years, band conditions have been rather poor. We have been at the bottom of the sunspot cycle, and the newest cycle has been slow to start. You often have needed a strong signal with high power (QRO) to be heard even during the best band openings. But finally the new sunspot cycle has started. Soon (hopefully) band openings will be more frequent and high power signals won't be needed. So with these improving conditions, have you tried QRP?

What is QRP? QRP as a Q-signal originally meant reducing power (or I am reducing power). Today, QRP generally means to operate at a low power – usually 5 watts or less. There is another category called QRPP, usually defined as operating with 1 watt or less. Although the most common modes of QRP operation are CW and PSK31, there are many hams operating SSB at QRP levels. And many of us have HT's that can operate FM at levels less than 1 watt.

Why operate QRP? There are a number of good reasons to operate at QRP levels. The first is FCC part 97 regulations. The regulations state that hams are to operate at "the minimum power necessary to carry out the desired communications." Many times that is power at the QRP level. A second reason is that QRP operation is "green". Less power, and therefore fewer resources, are consumed when operating QRP. Renewable energy sources such as solar power and wind-driven generators can easily be used to

power QRP transmitters. A third reason is cost. There are a number of QRP transceivers on the market today that cost far less than the average HF radio and perform quite well. Antennas and feedlines can be made from very light and inexpensive materials since they do not have to handle much power. With some of the QRP radio kits available, you can get on the air for under \$50 and still work stations around the world. A fourth reason is portability. A small, light QRP radio with a small battery (sometimes even a 9-volt battery) and a very light antenna can easily be packed in a backpack or small bag and can be set up to operate just about anywhere. A fifth reason is that QRP can often be used where local regulations make "stealth" operation necessary. Very lightweight antennas are easier to hide and low power is less likely to get into poorly designed consumer electronics. And finally, a sixth reason is the challenge. Operating QRP is a good way to refine and develop your operating skills.

How do I get started? Most modern HF rigs can be set to operate at QRP levels. If you already have one of these rigs set up, all you have to do is turn down the power until the output is 5 watts or less. Your current antenna and accessories will continue to function at low power. If you want to set up a QRP only station, a number of transceivers for QRP operation can be found – some from the major "names" in ham radio equipment, and others from a variety of smaller companies and organizations (usually in kit form). Check the Internet. As for an antenna, several "QRP" antennas can be found on the Internet, or you can build your own longwire or dipole from just about any kind of wire.

Is QRP operation difficult? QRP operation can sometimes be more challenging, especially if you are competing with higher-powered signals. However, when conditions are right, your signal can sometimes be heard when other, stronger signals are not. Patience and persistence are very important skills in QRP operation. Go ahead and answer that CQ or try to break through that pile-up. With practice you will develop the skills that allow your QRP signal to be heard. Also, there are frequencies on most bands that are recognized as QRP operating frequencies. Use them to hook up with other QRP operators.

So why not give QRP a try. It is yet another way to enjoy our hobby.

73,
Larry WA3ELQ

Minutes for the General Membership Meeting June 4, 2009

Meeting was called to order by the President, Larry (WA3ELQ) at 7:35 pm.

(Continued on page 2)

The Warminster Amateur Radio Club is a volunteer-based organization. Without the selfless work performed by volunteers such as yourself, there would be no Club.



PROGRAMS

Thursday July 2, 2009 – Get on the Air Night

Ever have a ham radio question you need help with? July 2nd is the night to get the folks together to help. This is the GET ON THE AIR NIGHT. Last year it was a big success, so we are repeating it again.

Thursday August 6, 2009 – Battleship USS New Jersey

We have Dave Burgess / WA2TVS, who is the Chief Engineer for BNJARS, coming to Warminster ARC to make a presentation on the BNJ Amateur Radio Station (BNJARS) and the Battleship USS New Jersey. Information on their organization is located at: <http://www.nj2bb.org/>

Thursday September 3, 2009 – Antique Radios and Alternate Power Supplies

Due to the mini-auction running late at the March meeting, this fine presentation by Fred Rice / WA3KIO had to be rescheduled to September. Most of you saw some of his displays, but didn't get to hear the presentation – so he is coming back.

(Continued from page 1)

INTRODUCTIONS:

NEW MEMBERS:

Rich (KB3EVK)

MINUTES FROM THE MAY 7, 2009 MEETING:

A motion was made, seconded and unanimous vote to accept them as printed in the Feedback Newsletter.

TREASURER REPORT- Denise (KB3ANO):

As given

COMMITTEE REPORTS:

PUBLIC SERVICE-

George (N3HBT):

"Thank You" to all of the volunteer radio operators that participated in the 'Hole-in-One' Golf Tournament at the Five Ponds Golf Course today.

July 25- Twelve radio operators will be needed for the Hatboro 'Moon Light Memories' Car Show, from noon to 5:00pm. A sign-up sheet was available at the meeting.

September 5, 6 and 7- The Polish American Festival at the Shrine of Czestochowa in Doylestown. Non-hams are welcome and encouraged to volunteer as well. [See, Burt (N3YVH) or email him at n3yv@k3dn.org]

MEMBERSHIP- Mark

(WA3QVU) and Michelle (KB3MTW):

There are currently 130 paid-up members. Since January, fifteen members have not renewed their memberships.

Every member is also encouraged to join the ARRL. The club must have at least 50% of its members as ARRL members to keep the WARC's affiliation. Currently, 83 WARC members are ARRL members. ARRL annual membership dues are \$39.00.

FIELD DAY-

- 1) Three durable new plastic tents (10 x 10) were purchased at a cost of \$ 200.00 each.
- 2) Al (W13Z) will be renting a trailer for the weekend to transport Brian's generator and equipment from the lock-up storage. Set-up is Saturday am.
- 3) Tables and tents will be provided by the shrine. Each radio operator is responsible for bringing his/her own chair and cooler.
- 4) Mark's (N3GNW) wife will be cooking an Italian dinner menu for 45. The other meal plans include: Saturday lunch, Sunday breakfast and Sunday lunch.
- 5) Dan (KB3IBQ) has contacted five local newspapers, six local TV stations and five local political offices with a press release on Field

Day.

6) WHERE IS THE CLUB BANNER?

GOOD and WELFARE- VINCE (KD3TC):

Ben Johns (K3JQH) is recovering from knee surgery.

LIBRARY- (K3ZMA):

As promised, the ARRL's Norm Fusaro (W3IZ) has donated the ARRL antenna handbook to the club library.

PROGRAMS- Rich (AG3L):

July 2, 2009- "Get on the Air Night". The success of this meeting requires hams to bring in equipment for which they need help, as well as Elmers to bring the tools and expertise required to render the requested help. For all other programs, see those listed above in the FEEDBACK Newsletter. If anyone has any suggestions for future club meetings, please contact Rich.

OLD BUSINESS:

The following proposed changes to Corporation's By-Laws and Constitution were voted on.

a) By-Laws Section 5 paragraph 3:
Change \$300.00 (three hundred dollars) to five hundred dollars (\$500.00)

(Continued on page 3)

(Continued from page 2)

A motion was made, seconded and majority vote carried to make the change.

b) Constitution Article II Section 6:

Officers and Directors may be removed from office for cause shown on a motion approved by a majority vote of all Regular Members in good standing. A motion was made, seconded and majority vote carried to make the change.

c) Constitution Article V Section 5: (A new section to be inserted)

Any motion at a general meeting committing corporation assets shall not be voted on at that meeting but shall instead be placed on the agenda of the next general meeting unless the motion is determined to be of a time sensitive nature. A proposed motion may be determined to be of a time sensitive nature by a majority vote of the Executive Board members present at that meeting.

A motion was made, seconded and majority vote carried to make the change.

NEW BUSINESS:

A proposal was made to make the Alumni dues half (\$10.00) of the Regular dues (\$20.00). This proposal will be voted on at the July club meeting. This is not a By-Laws or Constitutional change.

NOMINATIONS and ELECTION of OFFICERS and DIRECTORS (one year term)-

President- Larry Abbott (WA3ELQ)

Vice President- Rich Luce (AG3L)

Secretary- Frank Clayton (WD0ESL)

Treasurer- Denise Burstein (KB3ANO)

Director- Michelle London (KB3MTW)

Director- Mark Kempisty (N3GNW)

(There were no write-in votes)

50/50:

Adam (KB3JCP)

PIZZA:

Randy (N3LGE) and Elaine (N3TMP)

TONIGHT'S PROGRAM-

Three Home Brew Projects were shown by Michael (KB1JEY), Jim (WA4YWM) and Larry (WA3ELQ).

Submitted:

Club Secretary, kb3ibq

CLUB STATION

The WARC club station is open to anyone with an interest, on Tuesday evenings between the hours of 7:00 and 9:00 pm. For further information, call George Brechmann N3HBT at 215-443-5656.

WARC ALUMNI MEMBERSHIP

Attention all former WARC members. At the March 4, 1999 General Meeting, revisions to our club's constitution were approved that among other things, establishes a new Alumni membership category for former WARC members who are unable to attend meeting and Club activities on a regular basis due to health considerations or travel impediments. Dues for the Alumni membership were established at \$8.00 annually to cover the costs of printing and mailing our monthly FEEDBACK newsletter. Contact Alumni Coordinator Randy Gehman (N3LJE) or or Membership co-chair Mark Hinkel (WA3QVU) for more information.

Attention members

The Membership Committee has badges and Club cards for you to pick up. If you do not have a Warminster Amateur Radio Club badge or card with your picture on it, please stop by and visit your Membership Chairs, Mark Hinkel - WA3QVU or Michelle London - KB3MTW at the WARC monthly meetings. Otherwise, please contact Membership at: WARCmembership@K3DN.org. Thank you.

PUBLIC SERVICE

July 25 - Twelve radio operators will be needed for the Hatboro 'Moon Light Memories' Car Show, from noon to 5:00pm. A sign-up sheet was available at the meeting. See George, N3HBT.

September 5, 6 and 7 - The Polish American Festival at the Shrine of Czestochowa in Doylestown. Non-hams are welcome and encouraged to volunteer as well. [See, Burt (N3YVH) or email him at n3yvh@k3dn.org]

October 3 and 4 - MS 150 Sign-up sheets were land mailed to those that participated last year. [see, Michelle (KB3MTW)]

FOR SALE

YAESU FT-847 EARTH STATION HF/VHF/UHF ALL MODE TRANSCEIVER w/ UPGRADES & ACCESSORIES. Includes 2.5KHz SSB Filters and 500Hz CW Filter, MDX-100A8X Dynamic Microphone and FC-20 Ext. HF/50MHz Antenna Tuner! Radio, Tuner and Mic. purchased from HRO 12/1998 at a cost of \$2600. Equipment is in EXCELLENT Condition! Includes Original Operating Manual & Box. Lithium battery MAY require replacing. For SPECS see: www.hamstation.com/ysupic847.htm ASKING \$1650! Transaction in ConUS ONLY! Payment must be made via Bank Check, Bank or USPS Money Order. Shipping & Insurance INCLUDED! Serious Inquiries Contact MIKE at w3mjp at arrl.net. WILL CONSIDER TRADE FOR EXCELLENT CONDITION ICOM D-STAR EQUIPMENT!!! Thanks!

AMATEUR OF THE YEAR N3HBT

The Atlantic Division Amateur of the Year is awarded to George Brechmann N3HBT.

George was the moving force behind Pennsylvania becoming the 27th state having a PRB-1 law on the books. The PRB-1 antenna legislation was presented by George's state senator, Senator Stewart J. Greenleaf. Several people played very key parts in this effort besides George: Eric Pauley, Senator

(Continued on page 4)

(Continued from page 3)

Greenleaf's Assistant, Dave Eckman WA3YVR, Eric Olena WB3FPL, EPA-Section Manager, John Rodgers N3MSE, WPA-Section Manager and Chris Imlay W3KD, ARRL General Counsel. And last, but certainly not least were the number of amateur radio operators in Pennsylvania who took the time to contact their state senator and state representative.

The following is information on the ham who passed away at the hamfest. Thanks to Bill, K3ZMA, for obtaining the info.

KB3LFI Ben J Manasseri, 303 Harding Ave, Pen Argyl, PA, 18072. He held a tech license since June 2003.

His birth first name was Venetto. Lt Glenn Forsyth (Newtown Twp) came through with info.

From the Web:

Benedetto J. "Ben" Manasseri, Jr., 63, of Pen Argyl, died suddenly on Sunday, May 3, 2009, at St. Mary's Medical Center, Langhorne, PA.

Born in Pen Argyl, August 22, 1945, he was the son of Theresa (Favere) Manasseri, of Pen Argyl, and the late Benedetto J. Manasseri, Sr.

He was the husband of Bonney I. (Stimmel) Manasseri. Celebrating their anniversary September 28, 2008, they enjoyed over 40 years of marriage together.

Ben was a 1963 graduate of Pius X High School, Roseto. Prior to retiring in September 2008, he was a member of the Heavy and General Laborers, Local 472, Newark, NJ, for 42 years. His family and his friends, especially his CB radio guys were the most important things to him. He especially enjoyed relaxing at his cabin and NASCAR racing.

He was a member and past president of the Green and White Youth Association, and a retired member of Lookout Fire Co. #1, Pen Argyl.

He was also a member of the Slate Belt Hunting Club, and the PARK and EPARA radio clubs.

He will be lovingly remembered and dearly missed by his wife Bonney of Pen Argyl, his mother Theresa, his two daughters, Michelle and her husband Dan of Wilmington, and Anne and her husband Keith of Pen Argyl, his two grandchildren, Kristopher and Kaleb who were their "Nappers" pride and joy, and his two sisters, Diane Manasseri and Nancy Morris both of North Carolina.

In addition to his father, his younger brother Charles died earlier.

Funeral services will be held Friday, May 8, 2009, at 10:30 AM at the Guerro & Ruggiero Funeral Home, 126 E. Pennsylvania Ave., Pen Argyl. There will be viewing hours Thursday evening from 6 to 8 PM and Friday, one hour prior to services. Interment will be in St. Elizabeth's Cemetery, Pen Argyl. Additional information may be found at www.ruggierofuneralhome.com

In lieu flowers memorial donations may be offered by Green and White Youth Association, P.O. Box 132, Pen Argyl, PA 18072 or to the American Heart Association, 212 East Broad St., Bethlehem, PA 18018.

NASA, NOAA RELEASES NEW PREDICTIONS FOR SOLAR CYCLE 24

An international panel of experts -- led by the National Oceanic and Atmospheric Administration (NOAA) and sponsored by NASA -- has released a new prediction for the next solar cycle: Solar Cycle 24 will peak in May 2013 with a below-average number of sunspots http://science.nasa.gov/headlines/y2009/29may_noaaprediction.htm?list13_00638. "If our prediction is correct, Solar Cycle 24 will have a peak sunspot number of 90, the lowest of any cycle since 1928 when Solar Cycle 16 peaked at 78," said panel chairman Doug Biesecker of NOAA's Space Weather Prediction Center. This

report clarifies a NOAA report from May 2009 that stated that Solar Cycle 24 would bring "90 sunspots per day on average" http://www.noaanews.noaa.gov/stories2009/20090508_solarstorm.html.

The latest forecast revises a prediction issued in 2007 <http://www.arll.org/news/stories/2008/01/07/100/>. At that time, a sharply divided panel believed solar minimum would come in March 2008 followed by either a strong solar maximum in 2011, or a weak solar maximum in 2012. "It turns out that none of our models were totally correct," said Dean Pesnell of the Goddard Space Flight Center and NASA's lead representative on the panel. "The Sun is behaving in an unexpected and very interesting way."

In 2007, experts varied in their predictions on when the solar cycle would peak and how strong it would be. In April of that year, NOAA, in coordination with an international panel of solar experts, predicted that the next 11-year cycle of solar storms "would start in March 2008, plus or minus six months, and peak in late 2011 or mid-2012"

<http://www.swpc.noaa.gov/SolarCycle/>. In the cycle forecast issued in April 2007, half of the panel predicted a "moderately strong cycle of 140 sunspots, plus or minus 20, expected to peak in October 2011. The other half predicted a moderately weak cycle of 90 sunspots, plus or minus 10, peaking in August 2012. An average solar cycle ranges from 75 to 155 sunspots. The late decline of Cycle 23 has helped shift the panel away from its earlier leaning toward a strong Cycle 24. The group is evenly split between a strong and a weak cycle."

At a meeting of the American Geophysical Union in San Francisco in December 2007, David Hathaway of NASA's Marshall Space Flight Center, along with colleague Robert Wilson, said that Solar Cycle 24 "looks like it's going to be one of the most intense cycles since record-keeping began almost 400 years

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ago." They said they believe the next solar maximum should peak around 2010 with a sunspot number of 160, plus or minus 25. "This would make it one of the strongest solar cycles of the past 50 years -- which is to say, one of the strongest in recorded history." Four of the five biggest cycles on record have come in the past 50 years. "Cycle 24 should fit right into that pattern," Hathaway said.

Right now -- June 2009 -- the solar cycle is in a valley, the deepest of the past century. In 2008 and 2009, the Sun showed some of the lowest sunspot counts on record, as well as weak solar winds and a low solar irradiance, going more than two years without a significant solar flare. "In our professional careers, we've never seen anything quite like it," Pesnell said. "Solar minimum has lasted far beyond the date we predicted in 2007."

In recent months, however, Pesnell said that the Sun has begun to show some small signs of life: Small sunspots and "proto-sunspots" are popping up with increasing frequency. Enormous currents of plasma on the Sun's surface are

gaining strength and slowly drifting toward its equator. Radio astronomers have detected a tiny but significant uptick in solar radio emissions. All these things are precursors of an awakening Solar Cycle 24 and form the basis for the panel's new, almost unanimous forecast.

Pesnell cautioned optimism, telling the ARRL that there is an "error bar of +/- 20." This means Solar Cycle 24's sunspot number could be as high as 110, or as low as 70. "Based upon my own personal research, I don't think we'll see 90 [sunspots in Solar Cycle 24]," he said.

When asked if such a low number foretold the beginnings of a Maunder Minimum <http://en.wikipedia.org/wiki/Maunder_minimum>, Pesnell said that a Maunder Minimum takes several cycles to appear: "Sunspots [in solar cycles] leading up to the Maunder Minimum took several cycles to disappear. I really can't predict what will happen in Solar Cycle 25. What we're seeing now is something that looks like a sunspot, but it looks as if someone has come along and 'stomped' on it, creating a multitude of little things. We don't have a name for this and we've never seen anything like it before."

There could be more surprises, panelists acknowledged -- and more revisions to the forecast. "Go ahead and mark your calendar for May 2013," Pesnell said. "But use a pencil." -- Some information from NASA

Courtesy of the ARRL Newsletter

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must bring two forms of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC'S 2009 test fee is **\$15.00**.

Warminster Amateur Radio Club, Monthly, Last Wed. 7:00 pm at the Warminster Recreational and Educational Center on Little Lane.

George Brechmann (215) 443-5656.

Atco, NJ, The fourth (4th) Tuesday of each month, at 7 p.m. Winslow Township Senior Center, 33 Cooper Folly Road, 08004-2603.

Mark (K2AX) jtra@comcast.net

Levittown, PA, Monthly, 1st Saturday - George LeNoir, WR3B, 215-943-4886.

Telford, PA, Monthly, RF Hill ARC. 3rd Monday at the Indian Valley Library.

Charles Schmell, KB3CEZ, 215-257-6368 days 215-538-7458 evenings.

Philadelphia, PA, Testing is done on the 4th, non holiday Thursday of the month

at the, Community Ambulance Association of Ambler, 1414 E Butler Pike, Ambler PA 19002 at 7:00 PM We also are

testing on Saturdays at least once per quarter at 9:00 AM. For further information

contact James McCloskey at jmccloskey@msn.com and by phone 215-

275-2979.

Lansdale, PA Testing on the first non-holiday Tuesday of the month starting at

7:00 PM. The Lansdale Library Community Room Vine St. and Susquehanna

Ave. Lansdale, Pa. Registration is required 48 hrs. or more before the scheduled

exam date. If there are no registrations the scheduled exam date will be

canceled. NO WALK-INS. You can register by contacting:

Olaf N. Markert ----- Phone (610) 517-5074, E-mail w3pa@arrl.net

2009 Contest Calendar

July 11 - 12 IARU HF World Championships
August 1 - 2 ARRL UHF Contest
 15 - 16 ARRL 10 GHz and Up Contest

➤ **ATLANTIC DIV. HAMFESTS - 2009**

4 Jul 2009 * Eastern Pennsylvania Section Convention (Firecracker Hamfest)
 Harrisburg Radio Amateur Club <http://hrac.tripod.com>

Bressler, PA; Emerick Cibort Park; Intersection of Penn & Center Streets

5 Jul 2009 + Hamfest and Computer Fest Murgas ARC (K3YTL) <http://www.qsl.net/k3ytl> Lehman, PA

Luzerne County Fairgrounds Route 118

12 Jul 2009 + Valley Forge Hamfest and Computer Fair Mid-Atlantic ARC
<http://www.marc-radio.org> Kimberton, PA Kimberton Fire Co. Fairgrounds
 Route 113 and Firehouse Lane

19 Jul 2009 + Hamfest and Comptuer Fest Baltimore Radio Amateur TV Society
 (BRATS)

<http://www.bratsatv.org> West Friendship, MD Howard County Fairgrounds Route 144

SKYWARN INFORMATION

MOUNT HOLLY NWSFO SKYWARN Weekly Information Net: EVERY THURSDAY AT 21:00 HOURS
SKYWARN Net Repeater Listing/ Streaming Audio of scheduled SKYWARN Net: <http://www.skywarnnet.net>
You do NOT have to be a certified SKYWARN Weather Spotter to check into the Net

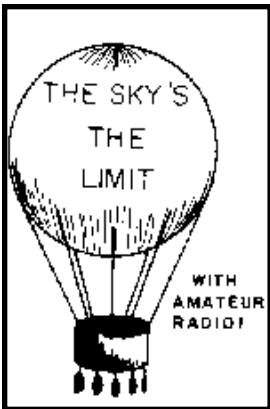
Bucks County SKYWARN Weather Spotter PRIMARY FREQUENCY: 147.300MHZ (+ 131.8)
 Fairless Hills, PA (many remote access locations throughout Bucks County)

Mount Holly NWSFO SKYWARN Homepage:
<http://www.erh.noaa.gov/phi/skywarn/index.html>

SKYWARN Basic Weather Spotter Educational Programs URL:
<http://www.erh.noaa.gov/phi/skywarn/training.html#sched>

➤ **CLUB EQUIPMENT**

WARC has purchased four Vertex Standard 2-meter HT's that are available for use by members of the club. The HT's are available on a month-by-month basis and have been purchased primarily to help new hams get on the air. However, they may also be used by any club member who is in need of a temporary 2-meter radio. They are also available for use by participants in WARC's public service activities. DE, Larry Abbott WA3ELQ
WA3ELQ@k3dn.org
 215-443-7521



*The Warminster Amateur Radio Club
 Announces Free Ham Radio Instructional Classes*

If you're interested in Ham Radio, or think you might be, this is your opportunity. Perhaps you'd like to learn about digital communications, Morse code, VHF, UHF, satellite, or perhaps you'd rather sit down and chat with someone in South Africa, Russia, Great Britain or in the space shuttle.

For further information contact: Rich Enwright at 215-357-9055 or George Brechmann at 215-443-5656

Area Repeaters

VHF

- 145.310 R.F. Hill
- 145.350 Doylestown R.C.
- 145.250 Penn Wireless
- 145.330 Hilltown
- 146.670 DVRA
- 146.685 Holmesburg
- 146.925 Willingboro
- 147.000 Ham Buergers
- 147.030 Phil-Mont
- 147.090 Warminster
- 147.270 Frankford
- 147.300 BEARS
- 147.390 CBRA

220

- 224.580 PackRats
- 223.76 K3NAL

UHF

- 442.650 DVRA
- 443.250 TAG
- 443.050 Metro-Comm
- 443.950 Warminster
- 444.200 BEARS
- 449.325 KA3WXV
- 447.475 WR3B
- 447.625 WE3E
- 448.225 Penn Wireless

D-STAR

- 447.625 K3PDR DStar DV

6 Mtr

- 53.030 WA3BXW
- 53.230 N3DQZ
- 53.320 K3MFI

Bucks County Amateur Radio Emergency Service (BCARES)

www.bucksares.org
 Bucks County ARES will be on the air Wednesdays, at 9:00 PM . We will be using Warminster Amateur Radio Club's repeater on 147.090, pl 131.8. This net is linked as shown in the Net Schedule box for the Wednesday night net. It may also be linked to 147.300.

Telpac Stations on:

- Upper NJ3A-10 145.610 Riegelsville
- Central KB3BUX-10 145.670 Ivyland Home frequency
- Lower NY3J-10 145.530 Bensalem

Net Schedules

Sunday	2100	10 Meter Net	28.445 MHz
Wednesday	2030	2 Meter Net	147.09 Rptr.
Wednesday	2030	Linked w/ 2 Meter Net	443.95
Rptr. Wednesday	2030	Linked w/ 2 Meter Net	53.230 Rptr.
Sunday	2030	Informal Net	223.5 Simplex
Thursday	1900	Mont. Cnty RACES Net	146.835 Rptr.

Are you submitting an article for the Feedback ?

Contributions of articles to be published are always accepted for consideration. Please follow these guidelines:

- Submit in IBM format on a floppy disk.
- Or via E-Mail to:
wa4ywm@comcast.net
- Or via snail mail to:
FEEDBACK EDITOR
Warminster Amateur Radio Club
Box 113
Warminster, Pa 18974
- Use both upper and lower case letters.
- Use your program's spell check.
- If you don't have a computer, then typewritten sheets are o.k. but please use both upper and lower case.
- Put your name and call at the beginning or end of the article, and show credits if you are using material from another source.
- Deadline for articles is the Thursday after the Club meeting.
- Volunteers are needed for folding at the Board Meeting, Ben Wilson Center, last Thursday of the month, 7:30 PM.

Bucks Bagels
1179 York road (RT. 263)
Warminster, PA
674-1400

"Home of the fresh, not frozen dough"

The annual dues rate structure is as follows:

Full Member: \$ 20.00
2nd Family Memer: \$ 10.00
Student: \$ 10.00
Alumni: \$ 8.00
12th grade or under: \$ 5.00

- Are your dues current ?
- Check the date on your Feedback mailing label.

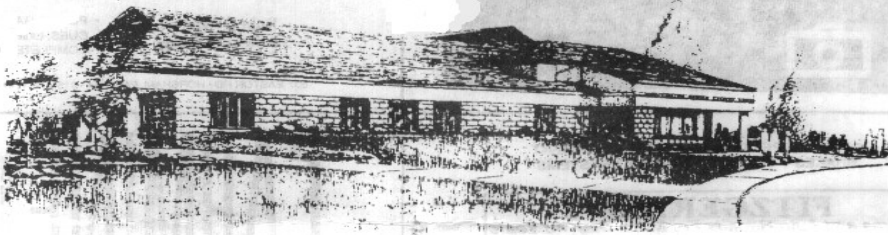
2009 Officers

Executive Officers

President	Larry Abbott	WA3ELQ	215-443-7521
Vice-President	Richard Luce	AG3L	215-441-8264
Secretary	Frank Clayton	WD0ESL	215-957-2343
Treasurer	Denise Burstein	KB3ANO	215-855-1029
Director (E)	Michelle London	KB3MTW	215-672-7578
Director (E)	Mark Kempisty	N3GNW	215-953-1493
Director (A)	Al Konschak	WI3Z	215-491-9941
Director (A)	MichaelDavis	KB1JEY	215-646-6011
Past President	George Brechmann	N3HBT	215-443-5656

Committee Chairpersons

Archives	Burt Ludin	N3YVH	267-781-0603
ARES Liason	Denise Burstein	KB3ANO	215-355-1150
Arlr Liason	Richard Luce	AG3L	215-441-8264
Awards Manager	Vince Pironti	KD3TC	215-674-0446
Classes	Rich Enwright	KB3NRL	215-357-9055
Digital and APRS	Ron Wenig	NY3J	215-638-9257
DXpedition	Doc Whitticar	W3GAD	215-968-6397
Feedback Editor	Jim Elmore	WA4YWM	215-538-1889
Field Day 09	Rich Enwright	KB3NRL	215-357-9055
Fundraising	Adam Huffnagle	KB3JCP	215-442-9526
Hamfest 09	Michael Davis	KB1JEY	215-646-6011
Hamwear	Burt Ludin	N3YVH	267-781-0603
Holiday Dinner	George Brechmann	N3HBT	215-443-5656
Interference	Mark Kempisty	N3GNW	215-953-1493
Membership	Michelle London	KB3MTW	215-672-7578
Membership	Mark Hinkel	WA3QVU	215-659-4449
Net Manager	George Brechmann	N3HBT	215-443-5656
PA QSO Party	Mark Kempisty	N3GNW	215-953-1493
Publicity	Dan Myers	KB3IBQ	215-957-2343
RACES Liason	Chris McCormack	N3JHR	215-969-2626
Refreshments	Doc Morein	KA3RAU	215-542-0593
Refreshments	Randy Gehman	N3LJE	215-822-9473
Repeater Cooridinator	Brian Taylor	N3EXA	215-257-6303
Satellite	Joe Bagnick	N3EMA	215-997-2539
Skywarn Liason	Mike Patton	W3MJP	215-491-9665
Station Trustee	George Brechmann	N3HBT	215-443-5656
Sunshine Club	Vince Pironti	KD3TC	215-674-0446
Township Liason	George Brechmann	N3HBT	215-443-5656
VE License Testing	Larry Abbott	WA3ELQ	215-443-7521
VHF/UHF/MW	Al Sheppard	N3ITT	610-847-5490
Website Coordinator	Al Konschak	WI3Z	215-491-9941
Youth Programs	Richard Luce	AG3L	215-441-8264
Youth Programs	Steve Larson	WW3Y	215-822-1511

Club Station**Meetings****Talk To Us**

The Club Station - K3DN - is located at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. The station is open for club members and the interested general public on non-holiday Tuesday evenings from 7 to 9 pm . The station is fully operational on HF (80 meters through 10 meters) both phone and CW. There is an assortment of amateur radio shareware which may be copied under the shareware licensing agreement.

For additional information on the Club Station please call the Station Manager N3HBT - George at 215-443-5656.

- WARC Meetings are held the first Thursday of each month at 7:30 pm at the Benjamin Wilson Senior Center, Delmont Avenue, Warminster, PA. Talk in is available on the 147.09 & 443.950 repeaters.

For general club correspondence:

k3dn@k3dn.org

For Feedback articles:

wa4ywm@comcast.net

Visit our Home Page at:

<http://www.k3dn.org>

**Federal Communications
Commission**

1270 Fairfield Road
Gettysburg, PA 17325

License Information

800-322-1117 - M-F 0800-1630

Fax-On-Demand 202-418-0177

FEEDBACK

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Box 113
Warminster, Pa 18974

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